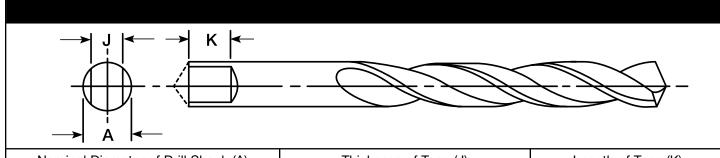
TECHNICAL

General Dimensions of Tangs for Straight Shank Drills



1	Nominal Diameter	er of Drill Shank (A) Thickness of Tang (J)			Length o	Length of Tang (K)			
				Inc	hes	Millim	eters		
	Inches		Millimeters	Max.	Min.	Max.	Min.	Inches	Millimeters
	1/8 to 3/16		3.18 to 4.76	.0940	.0900	2.39	2.29	9/32	7.0
over	3/16 to 1/4	over	4.76 to 6.35	.1220	.1180	3.10	3.00	5/16	8.0
over	1/4 to 5/16	over	6.35 to 7.94	.1620	.1580	4.11	4.01	11/32	8.5
over	5/16 to 3/8	over	7.94 to 9.53	.2030	.1990	5.16	5.06	3/8	9.5
over	3/8 to 15/32	over	9.53 to 11.91	.2430	.2390	6.17	6.07	7/16	11.0
over	15/32 to 9/16	over	11.91 to 14.29	.3030	.2970	7.70	7.55	1/2	12.5
over	9/16 to 21/32	over	14.29 to 16.67	.3730	.3670	9.47	9.32	9/16	14.5
over	21/32 to 3/4	over	16.67 to 19.05	.4430	.4370	11.25	11.10	5/8	16.0
over	3/4 to 7/8	over	19.05 to 22.23	.5140	.5080	13.05	12.90	11/16	17.5
over	7/8 to 1	over	22.23 to 25.40	.6090	.6010	15.47	15.27	3/4	19.0
over	1 to 1-3/16	over	25.40 to 30.16	.7000	.6920	17.78	17.58	13/16	20.5
over	1-3/16 to 1-3/8	over	30.16 to 34.93	.8170	.8090	20.75	20.55	7/8	22.0

Concentricity of Tang

Thickness	s of Tang (J)	Total Indicator Variation (T.I.V.)		
Inches	Millimeters	Inches	Millimeters	
from .0900 to .2430	from 2.29 to 6.17	.0060	.16	
over .2430 to .4430	over 6.17 to 11.25	.0070	.18	
over .4430 to .6090	over 11.25 to 15.47	.0080	.21	
over .6090 to .8170	over 15.47 to 20.75	.0090	.23	

